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Roles of integrin in tumor development and the target inhibitors

Li Zhao-He, ZHOU You, DING You-Xiang, GUO Qing-Long, ZHAO Li*

ZHAO Li, Professor, doctoral supervisor from China Pharmaceutical University. Research Interests: Oncology Pharmacology.



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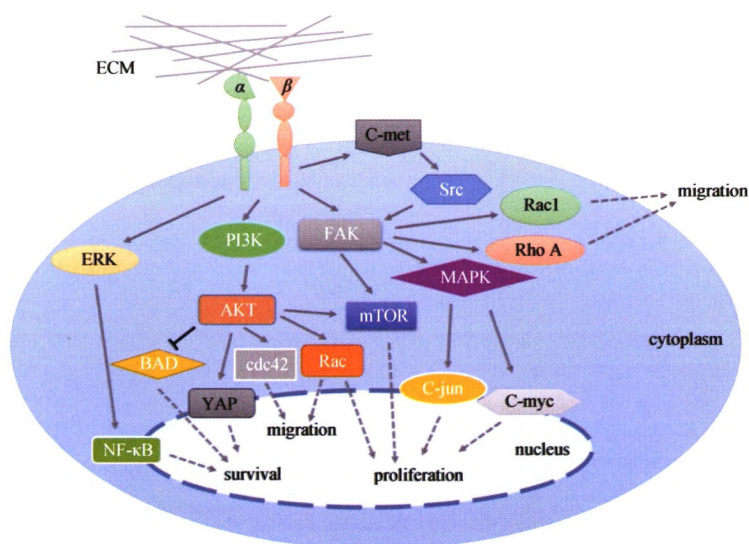
·Review·

Roles of integrin in tumor development and the target inhibitors

241-251

LI Zhao-He, ZHOU You, DING You-Xiang, GUO Qing-Long, ZHAO Li*

This review summarizes the role of integrin in tumor development and the current state of integrin inhibitors to provide a valuable reference for subsequent research.



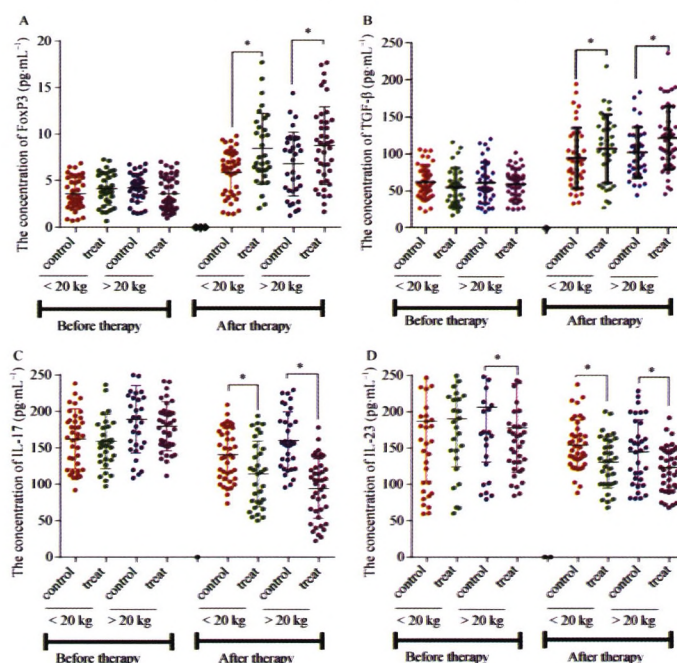
·Research articles·

Astragalus membranaceus improves therapeutic efficacy of asthmatic children by regulating the balance of Treg/Th17 cells

252-263

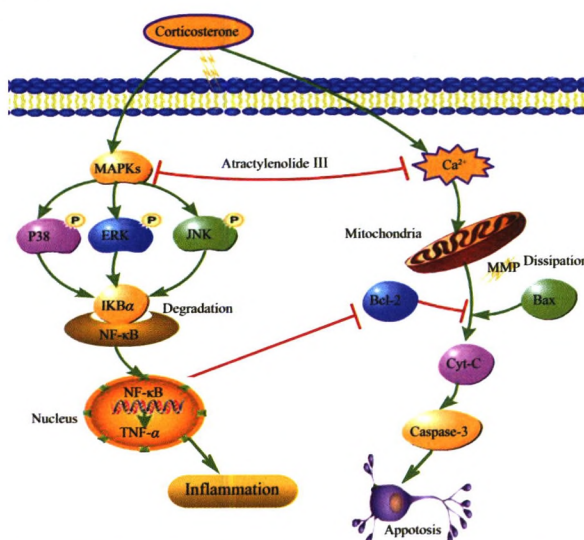
WANG Wei*, LIU Qing-Bin, JING Wei

A. membranaceus is potential natural product for improving the therapeutic efficacy of combination therapy of budesonide and terbutaline for the children with asthma remission by modulating the balance of Treg/Th17 cells.



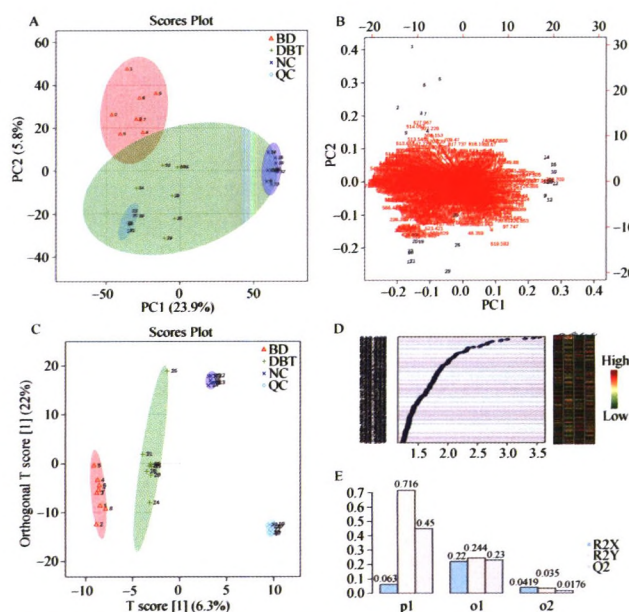
GONG Wen-Xia, ZHOU Yu-Zhi*, QIN Xue-Mei*, DU Guan-Hua

The findings provide a novel insight into the molecular mechanism by which ATL-III protected the PC12 cells against corticosterone-induced injury for the first time. Our results provide the evidence that ATL-III may serve as a therapeutic agent in the treatment of depression.



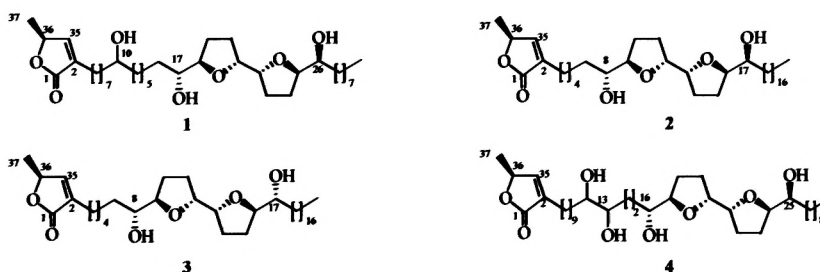
HUA Yong-Li*, MA Qi, YUAN Zi-Wen, ZHANG Xiao-Song, YAO Wan-Ling, JI Peng, HU Jun-Jie, WEI Yan-Ming

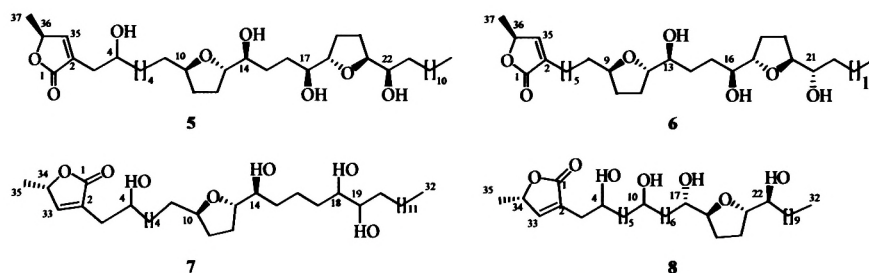
Danggui Buxue Tang (DBT) can promote iron ion binding and haemopoiesis activities, restrain inflammation, production of reactive oxygen, block apoptosis, and contribute significantly to the DBT treat anaemia.



MA Cheng-Yao, LU Jia-Hui, LI Xiang*, LIU Xiao, CHEN Jian-Wei*

Eight new annonaceous acetogenins, squamotin A–D (1–4), annosquatin IV–V (5 and 6), muricin O (7) and squamosten B (8), together with four known ones (9–12) were isolated from the seeds of *Annona squamosa*.

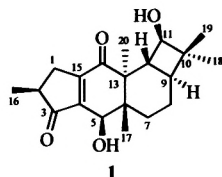




Jatrogicaine A: a new diterpenoid with a 5/6/6/4 carbon ring system from the stems of *Jatropha podagrica* 298-302

CHEN Lin, HUANG Jia-Luo, ZHANG Lei, TIAN Hai-Yan, YIN Sheng*

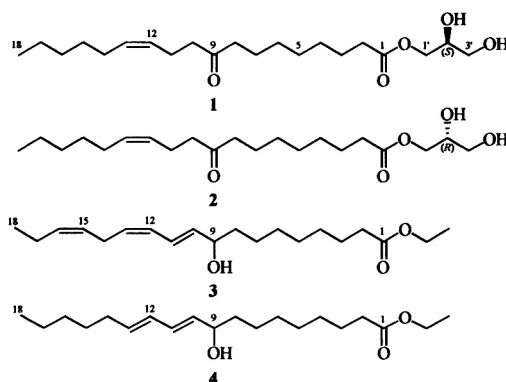
Jatrogicaine A (1), a new diterpenoid possessing a 5/6/6/4 carbon ring system, together with eight known diterpenoids were isolated from the stems of *Jatropha podagrica*.



New octadecanoid derivatives from the seeds of *Ipomoea nil* 303-307

SONG Xiu-Qing, ZHANG Jun-Sheng, YU Shu-Juan, YU Jin-Hai, ZHANG Hua*

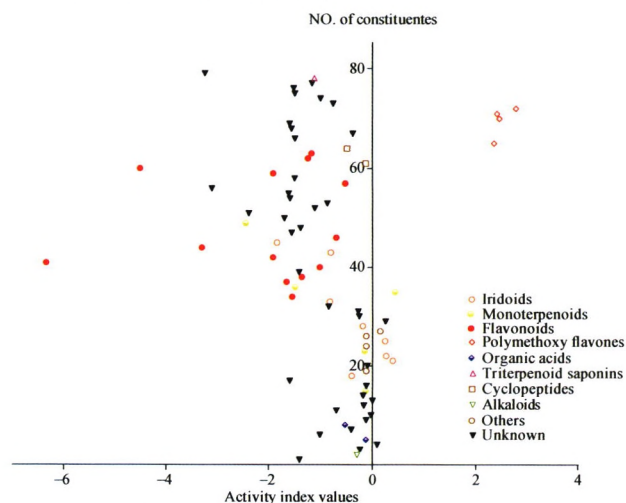
Four new octadecanoid derivatives (1–4) including a pair of enantiomers (1/2), along with 12 known analogues (5–16), were isolated from the seeds of *Ipomoea nil*.



Rapid discovery and identification of the anti-inflammatory constituents in Zhi-Shi-Zhi-Zi-Chi-Tang 308-320

WANG Hai-Qiang, ZHU Yun-Xiang, LIU Yi-Ning, WANG Ruo-Liu, WANG Shu-Fang*

The predicted results indicated that the activity index method is feasible for the accurate prediction of active constituents in TCM formulae.



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Aims and Scopes

The Chinese Journal of Natural Medicines (CJNM) is devoted to communications among pharmaceutical and medicinal plant scientists who are interested in the advancement of the botanical, chemical, and biological sciences in support of the use of natural medicines in health care, in particular, traditional Chinese medicines (TCM). CJNM aims to cover a broad spectrum of original research papers and review articles on natural medicines or their products from all over the world, including those from TCM.

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